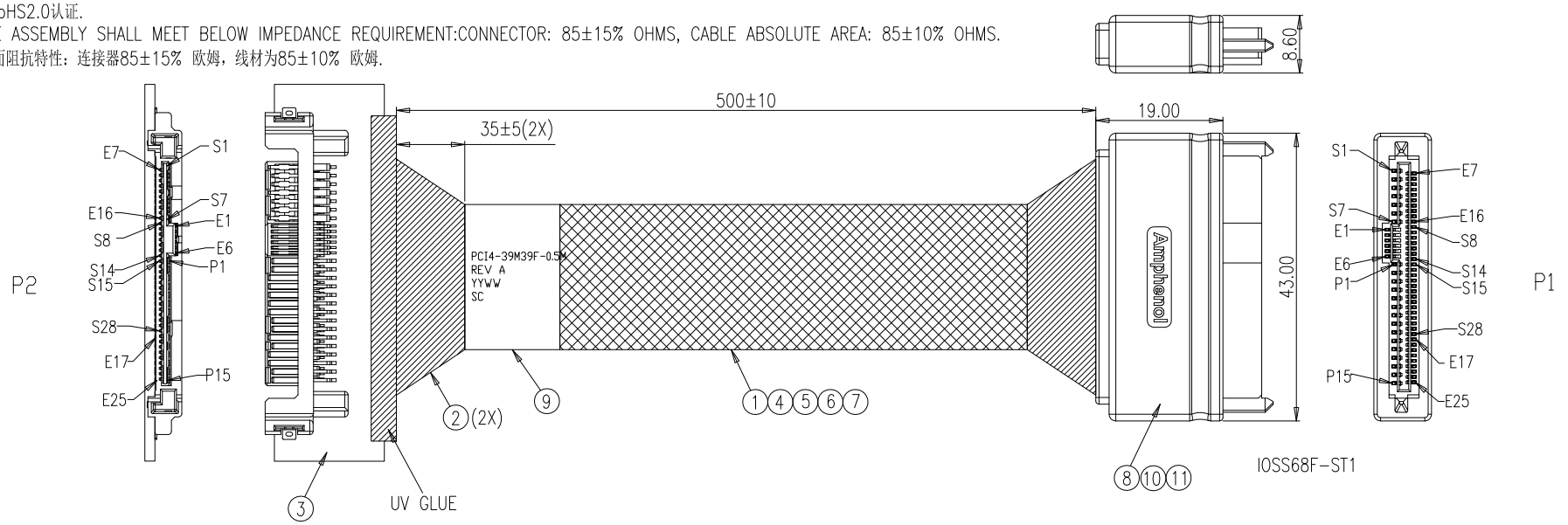
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU for RoHS compliance.

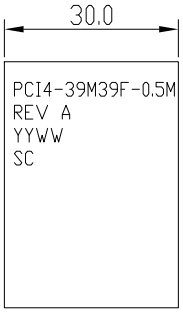
REVISIONS					
ECN NO.	REV.	DESCRIPTIONS	CHECKED	APPROVED	DATE
REL.	AX1	INTIAL RELEASE	FISK	KASUN	01/09/2020

NOTE:

1. ELECTRICAL AND MECHANICAL PERFORMANCE SHALL MEET THE PCIE GEN4.0 INDUSTRIAL STANDARD.
   电气和机械特性遵循PCIE GEN4.0工业标准.
2. THE CABLE ASSEMBLY SHALL BE MEET RoHS2.0 COMPLIANT.
   该产品通过RoHS2.0认证.
3. THE CABLE ASSEMBLY SHALL MEET BELOW IMPEDANCE REQUIREMENT:CONNECTOR: 85±15% OHMS, CABLE ABSOLUTE AREA: 85±10% OHMS.
   该产品满足下面阻抗特性：连接器85±15% 欧姆，线材为85±10% 欧姆.



ITEM	P/N	DESCRIPTION	QTY
11	RMRPB20002	RESIN:PBT,120R,V0,BLK,High flowability,R2	A/R
10	HMRPE45NT1	PE:LOW DENSITY,CLEAR,HF	A/R
9	HMLSB30701	LABEL:30*70MM,WHT	1
8	HEPCBA0372	PCBA:HEPCB68045+HCPE68F014 85 OHM	1
7	R1007024XX	WIRE,24AWG,UL1007,STRAND ED	A/R
6	HMTBD01001	EXPANDO TUBE:OD=10MM,BLACK,VW-1,HF	A/R
5	H03302300X	WIRE,30AWG,UL3302, 7/0.10,OD0.55,FR-XLPE,VW-1,NO MARKING,HF	A/R
4	R10070180X	WIRE:18AWG,41C,UL1007,BLK/RED/YEL	A/R
3	AST8639-000X	SFF-8639 68P F WITH PCBA 85 OHM	1
2	HMMTP00036	ACETOUS Tape:30mm WIDE,30M/REEL,BLK	A/R
1	HWSS300147	SAS CBL:NO UL,30#2C+HA+2D+AM,Silvered,FEP,85ohm,BLU,VW-1,40G,HF	A/R



LABEL DETAIL

GENERAL TOLERANCES	
.X:	± 0.5
.XX:	± 0.3
.XXX:	±
ANGULAR:	±

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DRAWN:	NIALL ZHANG	DATE: 01/09/2020
CHECKED:	FISK ZENG	DATE: 01/09/2020
APPROVED:	KASUN LI	DATE: 01/09/2020

TITLE:
SC P/N: PCI4-39M39F-0.5M
NDS1081 LED AND SWITCH CABLE ASSY

DWG. No.: RPC68-0129

SCALE: NONE | SHEET 1 OF 3
UNIT: MM | SIZE: A4 | REV.: AX2

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The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU for RoHS compliance.

REVISIONS					
ECN NO.	REV.	DESCRIPTIONS	CHECKED	APPROVED	DATE
REL.	AX1	INTIAL RELEASE	FISK	KASUN	01/09/2020

P1		P2	
PCIe A RefClk+	E7	PCIe A RefClk+	E7
PCIe A RefClk−	E8	PCIe A RefClk−	E8
Ground	E9	Ground	E9
PETp0	E10	PETp0	E10
PETn0	E11	PETn0	E11
Ground	E12	Ground	E12
PERn0	E13	PERn0	E13
PERp0	E14	PERp0	E14
Ground	E15	Ground	E15
Reserved	E16	Reserved	E16
Ground	S8	Ground	S8
S1T+/PETp1	S9	S1T+/PETp1	S9
S1T−/PETn1	S10	S1T−/PETn1	S10
Ground	S11	Ground	S11
S1R−/PERn1	S12	S1R−/PERn1	S12
S1R+/PERp1	S13	S1R+/PERp1	S13
Ground	S14	Ground	S14
Reserved	S15	Reserved	S15
Ground	S16	Ground	S16
PETp1/S2T+	S17	PETp1/S2T+	S17
PETn1/S2T−	S18	PETn1/S2T−	S18
Ground	S19	Ground	S19
PERn1/S2R−	S20	PERn1/S2R−	S20
PERp1/S2R+	S21	PERp1/S2R+	S21
Ground	S22	Ground	S22
PETp2/S3T+	S23	PETp2/S3T+	S23
PETn2/S3T−	S24	PETn2/S3T−	S24
Ground	S25	Ground	S25
PERn2/S3R−	S26	PERn2/S3R−	S26
PERp2/S3R+	S27	PERp2/S3R+	S27
Ground	S28	Ground	S28
PETp3	E17	PETp3	E17
PETn3	E18	PETn3	E18
Ground	E19	Ground	E19
PERn3	E20	PERn3	E20
PERp3	E21	PERp3	E21
Ground	E22	Ground	E22
SMClk	E23	SMClk	E23
SMDat	E24	SMDat	E24
DualPortEn#	E25	DualPortEn#	E25

BROWN(30AWG)

VIOLET(30AWG)

BLACK(30AWG)

WIRING DIAGRAM

P1		P2	
Ground	S1	Ground	S1
SOT+/PETp0	S2	SOT+/PETp0	S2
SOT−/PETn0	S3	SOT−/PETn0	S3
Ground	S4	Ground	S4
SOR−/PERn0	S5	SOR−/PERn0	S5
SOR+/PERp0	S6	SOR+/PERp0	S6
Ground	S7	Ground	S7
PCIe B RefClk+	E1	PCIe B RefClk+	E1
PCIe B RefClk−	E2	PCIe B RefClk−	E2
+3.3Vaux	E3	+3.3Vaux	E3
PCIe B RST	E4	PCIe B RST	E4
PCIe A RST	E5	PCIe A RST	E5
Reserved	E6	Reserved	E6
Wake#	P1	Wake#	P1
Dev_Reset	P2	Dev_Reset	P2
DevSLP#	P3	DevSLP#	P3
IfDet#	P4	IfDet#	P4
Ground	P5	Ground	P5
Ground	P6	Ground	P6
+5V Precharge	P7	+5V Precharge	P7
+5V	P8	+5V	P8
+5V	P9	+5V	P9
PRSNT#	P10	PRSNT#	P10
Activity/Spinup	P11	Activity/Spinup	P11
Ground	P12	Ground	P12
+12V Precharge	P13	+12V Precharge	P13
+12V	P14	+12V	P14
+12V	P15	+12V	P15

RED (30AWG)

VIOLET(30AWG)

ORANGE(30AWG)

WHITE(30AWG)

GREEN(30AWG)

GRAY(30AWG)

Black(18AWG)

Red(18AWG)

RED(30AWG)

YELLOW(30AWG)

BLUE(24AWG)

Yellow(18AWG)

GENERAL TOLERANCES	
.X:	± 0.5
.XX:	± 0.3
.XXX:	±
ANGULAR:	±

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DRAWN:	NIALL ZHANG	DATE: 01/09/2020
CHECKED:	FISK ZENG	DATE: 01/09/2020
APPROVED:	KASUN LI	DATE: 01/09/2020

TITLE:

SC P/N: PCI4−39M39F−0.5M

NDS1081 LED AND SWITCH CABLE ASSY

DWG. No.: RPC68−0129

SCALE: NONE | SHEET 2 OF 3

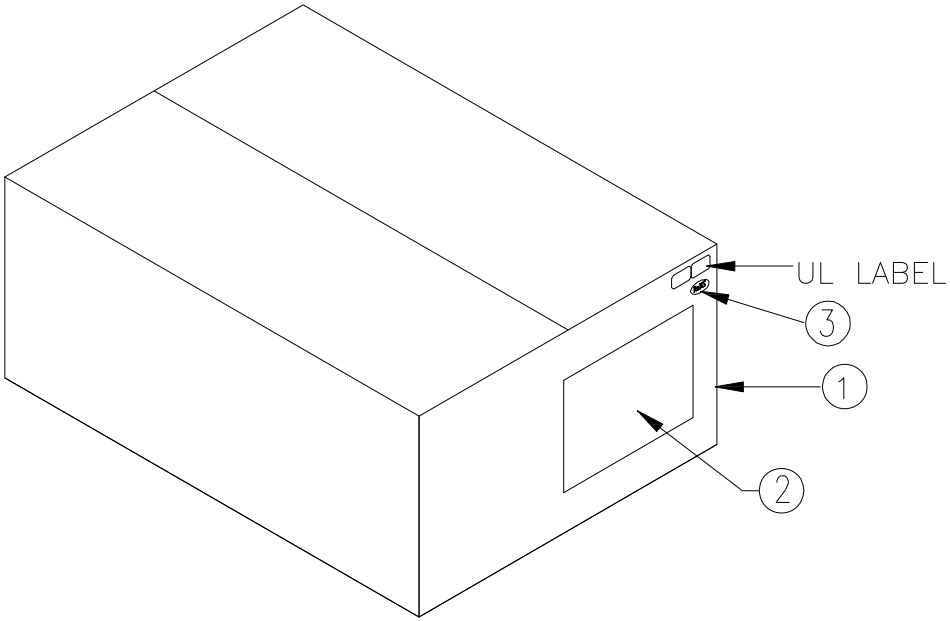
UNIT: MM | SIZE: A4 | REV.: AX2

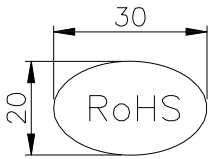
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REVISIONS					
ECN NO.	REV.	DESCRIPTIONS	CHECKED	APPROVED	DATE
REL.	AX1	INTIAL RELEASE	FISK	KASUN	01/09/2020

LABEL 2

PN: PCI4-39M39F-0.5M/RPC68-0129





LABEL 3

ITEM	PART NUMBER	DESCRIPTION	Q'TY
3	RMLSW30201	LABEL:30*20,GRN,WITH ROHS LOGO	A/R
2	HMLSB00401	LABEL:SyntheticPaper,100*40MM,WHT,BLANK,HF	A/R
1	RMBCTN0019	CARTON:590*240*200MM E TYPE	A/R

GENERAL TOLERANCES	
.X:	± 0.5
.XX:	± 0.3
.XXX:	±
ANGULAR:	±

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DRAWN:	NIALL ZHANG	DATE: 01/09/2020
CHECKED:	FISK ZENG	DATE: 01/09/2020
APPROVED:	KASUN LI	DATE: 01/09/2020

TITLE:
SC P/N: PCI4-39M39F-0.5M
SFF-8639 FEMALE TO SFF-8639 MALE CABLE ASSEMBLY

DWG. No.: RPC68-0129

SCALE: NONE | SHEET 3 OF 3
UNIT: MM | SIZE: A4 | REV.: AX2

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